

6/18/03

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      160291 SQL=12
L1    1 RRQRRTSKLMKR/SQEP
      (RRQRRTSKLMKR/SQEP AND SQL=12)
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=> d11 sqd

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 329004-16-2 REGISTRY
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 12

PATENT ANNOTATIONS (PNTE):

Sequence | Patent
Source | Reference

Not Given|WO2001015511
|claimed
|SEQID 5

SEQ 1 RRQRRTSKLM KR

HITS AT: 1, 12

=> s rrqrtsklmkr/sqsp
L2 3 RRQRRTSKLMKR/SQSP
=> d l2 sqd

L2 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2003 ACS
RN 512774-31-1 REGISTRY
FS PROTEIN SEQUENCE; STEREOSEARCH
SOL 25

=> d 12 2-3 sqd

L2 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2003 ACS
RN 329004-31-1 REGISTRY
FS PROTEIN SEQUENCE; STEREOSEARCH
SOL 28

PATENT ANNOTATIONS (PNTE):
Sequence | Patent

Source |Reference
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Not Given|WO2001015511
|claimed
|SEQID 24

SEQ 1 RRQRRTSKLM KRGKGKLA KKLAKLAK

HITS AT: 1-12

L2 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2003 ACS
RN 329004-16-2 REGISTRY
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 12

PATENT ANNOTATIONS (PNTE):
Sequence | Patent

Sequence | Patent
Source | Reference
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|claimed
|SEQID 5

SEQ 1 RRQRRTSKLM KR

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HITS AT: 1-12

=> file caplus

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		50.20	50.41

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FILE LAST UPDATED: 18 Jun 2003 (20030618/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 11
L3 6 L1

=> d 13 1-6

L3 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2003 ACS
AN 2003:189232 CAPLUS
DN 138:319523
TI Protection of Islets by in Situ Peptide-mediated Transduction of the I kappa B Kinase Inhibitor Nemo-binding Domain Peptide
AU Rehman, Khaja K.; Bertera, Suzanne; Bottino, Rita; Balamurugan, A. N.; Mai, Jeffrey C.; Mi, Zhibao; Trucco, Massimo; Robbins, Paul D.
CS Department of Molecular Genetics and Biochemistry, University of Pittsburgh School of Medicine, Pittsburgh, PA, 15261, USA
SO Journal of Biological Chemistry (2003), 278(11), 9862-9868
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2003 ACS
AN 2003:42362 CAPLUS
DN 138:103296
TI Improvement of viral uptake into cells and tissues
IN Sessa, William C.; Gratton, Jean-Philippe
PA Yale University, USA
SO PCT Int. Appl., 67 pp.
CODEN: PIIXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2003004600 A2 20030116 WO 2002-US20337 20020626
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
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BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRAI US 2001-303117P P 20010705

L3 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2003 ACS
AN 2002:615645 CAPLUS

DN 137:181385

TI Peptides for facilitating composite receptor expression and translocation
of macromolecules

IN Rabinovich, Peter; Bray-Ward, Patricia; Ward, David C.
PA Yale University, USA

SO PCT Int. Appl., 111 pp.
CODEN: PIIXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2002062823 A2 20020815 WO 2002-US2837 20020201
W: AU, CA, JP, US
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, TR
PRAI US 2001-265624P P 20010202

L3 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2003 ACS
AN 2002:196053 CAPLUS

DN 137:74947

TI Characterization of a class of cationic peptides able to facilitate
efficient protein transduction in vitro and in vivo

AU Mi, Zhibao; Mai, Jeffrey; Lu, Xiaoli; Robbins, Paul D.

CS Department of Molecular Genetics and Biochemistry, University of
Pittsburgh School of Medicine, Pittsburgh, PA, 15261, USA

SO Molecular Therapy (2000), 2(4), 339-347
CODEN: MTOHCK; ISSN: 1525-0016

PB Academic Press

DT Journal

LA English

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2003 ACS

AN 2001:397065 CAPLUS

DN 135:15060

TI Multimers of nuclear localization signals or of protein transduction
domains and their use for transferring molecules into cells

IN Rosemeyer, Joseph; Ritter, Wolfgang; Rudolph, Carsten Martin; Plank,
Christian

PA Germany

SO PCT Int. Appl., 68 pp.

CODEN: PIIXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2001038547 A2 20010531 WO 2000-EP11690 20001123
WO 2001038547 A3 20020228
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HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
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SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 EP 1235914 A2 20020904 EP 2000-988753 20001123
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL
 JP 2003514564 T2 20030422 JP 2001-539889 20001123
 PRAI EP 1999-123423 A 19991124
 WO 2000-EP11690 W 20001123

L3 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2003 ACS

AN 2001:167742 CAPLUS

DN 134:218672

TI Identification of peptides which facilitate uptake and transport of
 protein, DNA and virus into cytoplasm and nuclei of cells
 IN Robbins, Paul D.; Mi, Zhibao; Frizzell, Raymond; Glorioso, Joseph C.;
 Gambotto, Andrea
 PA University of Pittsburgh of the Commonwealth System of Higher Education,
 USA

SO PCT Int. Appl., 128 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2001015511 A2 20010308 WO 2000-US24034 20000831
 WO 2001015511 A3 20020124
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
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 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 EP 1210362 A2 20020605 EP 2000-963300 20000831
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL
 PRAI US 1999-151980P P 19990901
 US 2000-188944P P 20000313
 WO 2000-US24034 W 20000831

=> s 12

L4 7 L2

=> d 14 1-7

L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2003 ACS

AN 2003:189232 CAPLUS

DN 138:319523

TI Protection of Islets by in Situ Peptide-mediated Transduction of the
 Ikappa.B Kinase Inhibitor Nemo-binding Domain Peptide
 AU Rehman, Khaja K.; Berlera, Suzanne; Bottino, Rita; Balamurugan, A. N.;
 Mai, Jeffrey C.; Mi, Zhibao; Trucco, Massimo; Robbins, Paul D.
 CS Department of Molecular Genetics and Biochemistry, University of
 Pittsburgh School of Medicine, Pittsburgh, PA, 15261, USA
 SO Journal of Biological Chemistry (2003), 278(11), 9862-9868
 CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS

AN 2003:42362 CAPLUS

DN 138:103296

TI Improvement of viral uptake into cells and tissues

IN Sessa, William C.; Gratton, Jean-Philippe

PA Yale University, USA
SO PCT Int. Appl., 67 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2003004600 A2 20030116 WO 2002-US20337 20020626
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRAI US 2001-303117P P 20010705

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2003 ACS
AN 2002:615645 CAPLUS

DN 137:181385

TI Peptides for facilitating composite receptor expression and translocation
of macromolecules

IN Rabinovich, Peter; Bray-Ward, Patricia; Ward, David C.
PA Yale University, USA
SO PCT Int. Appl., 111 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2002062823 A2 20020815 WO 2002-US2837 20020201
W: AU, CA, JP, US
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, TR
PRAI US 2001-265624P P 20010202

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS
AN 2002:196053 CAPLUS

DN 137:74947

TI Characterization of a class of cationic peptides able to facilitate
efficient protein transduction in vitro and in vivo

AU Mi, Zhibao; Mai, Jeffrey; Lu, Xiaoli; Robbins, Paul D.
CS Department of Molecular Genetics and Biochemistry, University of
Pittsburgh School of Medicine, Pittsburgh, PA, 15261, USA
SO Molecular Therapy (2000), 2(4), 339-347
CODEN: MTOHCK; ISSN: 1525-0016

PB Academic Press
DT Journal
LA English

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2003 ACS
AN 2001:832771 CAPLUS
DN 136:144792

TI A proapoptotic peptide for the treatment of solid tumors
AU Mai, Jeffrey C.; Mi, Zhibao; Kim, Seon-Hee; Ng, Bobby; Robbins, Paul D.
CS Department of Molecular Genetics and Biochemistry, University of
Pittsburgh School of Medicine, Pittsburgh, PA, 15261, USA
SO Cancer Research (2001), 61(21), 7709-7712
CODEN: CNREA8; ISSN: 0008-5472

PB American Association for Cancer Research
DT Journal
LA English

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2003 ACS
AN 2001:397065 CAPLUS

DN 135:15060

TI Multimers of nuclear localization signals or of protein transduction domains and their use for transferring molecules into cells

IN Rosenecker, Joseph; Ritter, Wolfgang; Rudolph, Carsten Martin; Plank, Christian

PA Germany

SO PCT Int. Appl., 68 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2001038547 A2 20010531 WO 2000-EP11690 20001123

WO 2001038547 A3 20020228

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1235914 A2 20020904 EP 2000-988753 20001123

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL

JP 2003514564 T2 20030422 JP 2001-539889 20001123

PRAI EP 1999-123423 A 19991124

WO 2000-EP11690 W 20001123

L4 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2003 ACS

AN 2001:167742 CAPLUS

DN 134:218672

TI Identification of peptides which facilitate uptake and transport of protein, DNA and virus into cytoplasm and nuclei of cells

IN Robbins, Paul D.; Mi, Zhibao; Frizzell, Raymond; Glorioso, Joseph C.; Gambotto, Andrea

PA University of Pittsburgh of the Commonwealth System of Higher Education, USA

SO PCT Int. Appl., 128 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2001015511 A2 20010308 WO 2000-US24034 20000831

WO 2001015511 A3 20020124

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1210362 A2 20020605 EP 2000-963300 20000831

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL

PRAI US 1999-151980P P 19990901

US 2000-188944P P 20000313

WO 2000-US24034 W 20000831